

tesa AG 1514-HCL
101769-125
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AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended)

1. An adhesive sheet strip for a redetachable bond, removable from a joint by pulling in the direction of the bond plane, having a nonadhering grip tab and a subsequent single-sidedly or double-sidedly adhering strip, which comprises of:
 - a) a backing composed of a film having a tensile strength of 2-20 N/cm and an elongation at break of 200-800%, and
 - b) applied to at least one side thereof, a polyurethane based adhesive comprising:
 - 60 - 80% by weight of an aliphatic isocyanate/polyol crosslinking system,
 - 15 - 35% by weight of a filler, and
 - 0.05 - 0.20% by weight of an activator, based on the total weight of the adhesive.

Claim 2 (original)

2. The adhesive sheet strip as claimed in claim 1, wherein the film is 40 - 80 μ m thick.

Claim 3 (currently amended)

3. The adhesive sheet strip of claim 2 wherein the film is made of a compound selected from the group consisting of polyethylene, polypropylene or and polyurethane.

Claim 4 (currently amended)

4. The adhesive sheet strip as claimed in claim 1, wherein the adhesive is crosslinked thermally and, optionally, additionally by electron-beam curing EBC, and optionally is additionally crosslinked at the cut edges , which are formed after the adhesive sheet strip has been cut, by UV or by further electron-beam curing EBC.

Claim 5 (currently amended)

5. The adhesive sheet strip as claimed in claim 1, wherein the aliphatic isocyanate/polyol crosslinking system comprises of: (1) an optionally modified hexamethylene diisocyanate as the aliphatic isocyanate component and (2) a polyetherpolyol and castor oil, which is optionally stabilized with tocopherols, as the polyol component.

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Claim 6 (original)

6. The adhesive sheet strip as claimed in claim 1, wherein the filler is selected from the group consisting of an absorbent, zinc oxide, calcium carbonate, magnesium carbonate and mixtures thereof.

Claim 7 (original)

7. The adhesive sheet strip as claimed in claim 1, wherein the adhesive has been applied to both sides of the backing.

Claim 8 (original)

8. The adhesive sheet strip as claimed in claim 1, wherein the adhesive is 10-80 μm thick.

Claim 9 (original)

9. The adhesive sheet strip as claimed in claim 1, wherein the entire thickness of the adhesive sheet strip is 50 - 5000 μm .

Claim 10 (original)

10. The adhesive sheet strip as claimed in claim 1, wherein the entire thickness of the adhesive sheet strip is 100 - 2000 μm .

Claim 11 (original)

11. A method of providing an adhesive bond to a surface which comprises of applying the adhesive sheet strip of any one of claims 1-8 1-10 to said surface wherein parting of the adhesive bond, by pulling on said sheet strip in the direction of the bond plane, renders said surface damage-free and residueless.